



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: Box ISSUE FEE
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

31M1/0401

CONRAD O GARDNER
2600 2ND AVENUE
SUITE 2103
SEATTLE WA 98121

APPLICATION NO.	FLING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/443,204	05/19/95	004	MAR, N	5106 04/01/97
First Name: GARDNER, Applicant: CONRAD O.				

TITLE OF INVENTION: EXTENDED RANGE MOTOR VEHICLE HAVING AMBIENT POLLUTANT PROCESSING

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
3 95-004M	160-176.000	1.46	UTILITY	YES	\$645.00	07/01/97

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY status shown above.
If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown and notify the Patent and Trademark Office of the change in status, or
 - B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.
Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.
If you are charging the ISSUE FEE to your deposit account, section "6b" of Part B should be completed.
- III. All communications regarding this application must give application number and batch number.
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

MAR-26-02 TUE 13:10

JOHN W HATHAWAY PLLC

FAX NO. 2648144

P. 04/25



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/443,204	05/18/95	GARDNER	C 95-004M
		21M1/0401	EXAMINER
		MAR. 11	ART UNIT
		3106	PAPER NUMBER
DATE MAILED: 14			

NOTICE OF ALLOWABILITY

PART I.

1. This communication is responsive to Amendment filed 2-13-97.
 2. All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
 3. The allowed claims are 30-33.
 4. The drawings filed on _____ are acceptable.
 5. Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [...] been received. [...] not been received. [...] been filed in parent application Serial No. _____, filed on _____.
 6. Note the attached Examiner's Amendment.
 7. Note the attached Examiner Interview Summary Record, PTOL-413.
 8. Note the attached Examiner's Statement of Reasons for Allowance.
 9. Note the attached NOTICE OF REFERENCES CITED, PTO-892.
 10. Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
 2. APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 a. Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. _____, CORRECTION IS REQUIRED.
 b. The proposed drawing correction filed on _____ has been approved by the examiner. CORRECTION IS REQUIRED.
 c. Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 d. Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTOL-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftspersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8004.

The drawings filed (insert date) 5/18/95 are
 not objected to by the Draftsperson under 37 CFR 1.84 or 1.152
 but are objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as
 indicated below. The Examiner will require submission of new, corrected
 drawings when necessary. Corrected drawings are to be submitted
 according to the instructions on the back of this sheet.

1. DRAWING(s): 37 CFR 1.84(c): Acceptable drawings of the following:
 Black ink, Color;
 Solid black solid lines, Figs(s) _____;
 Color drawings are not acceptable, except for
 certain parts _____;
 2. PHOTOGRAPH(s) 37 CFR 1.84(d):
 Photographs are not acceptable and are to be replaced by
 drawings;
 Photographs not properly mounted (not in original frame or
 photographic double-weight paper), Figs(s) _____;
 Poor quality (thin tone), Figs(s) _____;
3. GRAPH FORMS: 37 CFR 1.84(d):
 Chemical or mathematical formula not labeled or separate figure
 Figs(s) _____;
4. GROUP OF FIGURES: 37 CFR 1.84(d):
 Group of waveforms not presented as a single figure, using
 common vertical axis with time extending along horizontal axis,
 Figs(s) _____;
 Individuals waveform not identified with a separate letter
 designation adjacent to the vertical axis, Figs(s) _____;
4. TYPE OF PAPER: 37 CFR 1.84(e):
 Paper not flexible, strong, white, smooth, nonshiny, and durable;
 Sheet(s) _____;
 Ensures, alterations, overwritings, interlineations, cracks, creases, and
 folds copy machine marks not accepted, Figs(s) _____;
5. SIZE OF PAPER: 37 CFR 1.84(f): Acceptable sizes:
 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
 21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
 21.0 cm. by 29.7 cm. (DIN size A3)
 All drawing sheets not the same size. Sheet(s) _____;
 Drawing sheet not an acceptable size. Sheet(s) _____;
6. MARGINS: 37 CFR 1.84(g): Acceptable margins:
 Paper size _____
 21.6 cm. X 35.6 cm. 21.6 cm. X 33.1 cm. 21.6 cm. X 27.9 cm. 21.0 cm. X 29.7 cm.
 (8 1/2 X 14 inches) (8 1/2 X 13 inches) (8 1/2 X 11 inches) (DIN Size A3)
 T: 5.1 cm. (2") 2.5 cm. (1") 2.5 cm. (1") 2.5 cm.
 L: .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") .64 cm.
 R: .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") .64 cm.
 B: .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") .64 cm.

Margins do not conform to chart above.

Sheet(s) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

1-3

7. VIEWS: 37 CFR 1.84(h):
 REMINDER: Specification may require revision to correspond to
 drawing changes;
 All views not grouped together, Figs(s) _____;
 Views connected by projection lines or lead lines,
 Figs(s) _____;
 Partial views, 37 CFR 1.84(h) 2

COMMENTS:

15b

MAR-26-02 TUE 13:11

JOHN W HATHAWAY PLLC

FAX NO. 2648144

P. 06/25



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

SERIAL NUMBER	2014	FILING DATE	31M1/0401	FIRST NAMED APPLICANT	CONRAD D GARDNER	ATTORNEY DOCKETT NO.
---------------	------	-------------	-----------	-----------------------	------------------	----------------------

CONRAD D GARDNER
 2600 2ND AVENUE
 SUITE 2103
 SEATTLE WA 98121

31M1/0401

MAR 3

EXAMINER

3106

ART UNIT

PAPER NUMBER

04/01/97
 DATE MAILED:

13

EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

(1) Conrad Gardner (3) _____
 (2) _____ (4) _____

Date of interview March 31, 1997Type: Telephonic Personal (copy is given to applicant applicant's representative).Exhibit shown or demonstration conducted: Yes No. If yes, brief description: _____Agreement was reached with respect to some or all of the claims in question: was not reached.Claims discussed: New claims: 30 - 33

Identification of prior art discussed: _____

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: New claims drawn

to the CO and pollutant level responsive means in the vehicle would be allowable and would be entered by examiner's amendment.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph below has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

2. Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the substance of the interview unless box 1 above is also checked.

Examiner's Signature

All examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

New claims 30-33 have been entered as follows:

30. In combination, a hybrid motor vehicle comprising:

an electric motor connected to a first pair of wheels;

a cruise mode control circuit having preprogrammed cruise mode operating conditions, said control circuit automatically activating first coupling means for connecting a combustion engine to a second pair of wheels during a cruise mode on condition and deactivating said first coupling means during a cruise mode off condition, and said control circuit activating second coupling means for connecting said combustion engine to an electric generator for charging a battery during the cruise mode off condition;

a CO detector mounted on said vehicle for measuring the CO level in the vicinity of said vehicle;

a vehicle mounted transmitter for transmitting a signal indicative of the CO level measured by the CO detector;

an interactive information network located at a location remote from said motor vehicle, said network having receiver means for receiving said signal from said vehicle and transmitter means for transmitting a control signal to a receiver mounted on said vehicle when the measured CO level exceeds a predetermined level; and

control means responsive to the received control signal from said network for switching the cruise control circuit to the cruise mode off condition.